

We claim:

1. A system for dynamically exchanging heterogeneous databases in real-time, comprising:

5 database table migration means for executing data migration by selecting a source database and a destination database, and then selecting source data table as a basis for selecting migration mode;

relational table establishing means for defining a displayed relational field and exporting data module after selecting a source database and a source data table;

10 data table export means for executing data export by selecting source database and selecting an export destination file;

data table import means for executing data import by selecting a source file and selecting destination table according to said source file selection and setting table mapping field;

15 data mapping rule means for mapping the data field via multiple operation means and an automatically encode and interpretation system after selecting source;

screen data control mapping means for mapping a data file for storage and activating application program by selecting data picture, reading screen element, and setting a name of the element for storage and selecting storage element after selecting data picture; and

20 data rule detecting means for setting execution rule and importing schedule after setting executing timing, selecting detected source, and selecting target.

25 2. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said source file is a data file.

3. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said source file is a spreadsheet file.

30 4. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said source file is a text file.

5. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said source file is a XML web page file.

35 6. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said multiple operation is an operation for data table relational.

7. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said multiple operation is an operation for functional operation.

5

8. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said multiple operation is an operation for data combination.

10 9. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said multiple operation is an operation for constants.

10. A system for dynamically exchanging heterogeneous databases in real-time as claimed in claim 1, wherein said multiple operation is an operation for variables.

15

11. A method for dynamically exchanging heterogeneous databases in real-time, comprising the steps of:

transferring database table for executing data migration by selecting a source database and a destination database, and then selecting source data table as a basis for selecting migration mode;

20

establishing relational table for defining a displayed relational field and exporting data module after selecting a source database and a source data table;

exporting data table for executing data export by selecting source database and selecting an export destination file;

25

importing data table for executing data import by selecting a source file and selecting destination table according to said source file selection and setting table mapping field;

data mapping rule means for mapping the data field via multiple operation means and an automatically encode and interpretation system after selecting source;

30

mapping screen data control for mapping a data file for storage and activating application program by selecting data picture, reading screen element, and setting a name of the element for storage and selecting storage element after selecting data picture; and

35

detecting data rule for setting execution rule and importing schedule after setting executing timing, selecting detected source, and selecting target.